

AMENDMENTS TO THE CLAIMS

1. (currently amended) An isolated nucleic acid consisting essentially of (a) the a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:12 or 1014; or and (b) the complement of the nucleotide sequence of (a).

2-30. (canceled)

31. (previously presented) A vector comprising the isolated nucleic acid of claim 1.

32. (previously presented) An isolated cell containing the nucleic acid of claim 1 or the vector of claim 31.

33-40. (cancelled)

41. (currently amended) An isolated nucleic acid molecule consisting of (a) the nucleotide sequence set forth in SEQ ID NO:1, ~~SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10,~~ nucleotides 453-6185 of SEQ ID NO:1 or nucleotides 453-5168 of SEQ ID NO:10;], or (b) the complement of the nucleotide sequence of (a).

42. (previously presented) A vector comprising the isolated nucleic acid of claim 41.

43. (previously presented) An isolated cell containing the nucleic acid of claim 41 or the vector of claim 42.

44. (currently amended) An oligonucleotide consisting of at least 50 contiguous nucleotides of (a) the a nucleotide sequence that encodes amino acids 1 to 1473 of SEQ ID NO:144 or 10; or (b) ~~the nucleotide sequence set forth in SEQ ID NO:7 or 8; or~~ (c) the complement of the nucleotide sequence of (a) ~~or~~ (b).

45. (canceled)

46. (currently amended) A kit for detecting the presence of a nucleic acid in a sample comprising in a package at least one oligonucleotide of claims 44 or 45.

47. (canceled)

48. (previously presented) The isolated nucleic acid of claim 1, which is RNA.

49. (canceled)